

Amendments to the Claims

CLAIMS

1. (Original) A method of making epoxyorganoalkoxysilanes comprising reacting an olefin epoxide with an hydridoalkoxysilane in the presence of $\text{RhCl}(\text{di-tert-butylsulfide})_2$ catalyst, the reaction being free of the presence of a stabilizing agent, the reaction being carried out at a temperature in the range of 70-75 °C, and the olefin epoxide being present in the reaction in a molar excess of 5-25 percent over the stoichiometric amount necessary to react with the hydridoalkoxysilane.

2. (Currently Amended) The method according to Claim 61 in which the olefin epoxide is a composition selected from the group consisting of limonene oxide, 4-vinylcyclohexene monoxide, allyl glycidyl ether, glycidyl acrylate, vinyl norbornene monoxide, dicyclopentadiene monoxide, and 1-methyl-4-isopropenyl cyclohexene monoxide.

3. (Currently Amended) The method according to Claim 61 in which the hydridoalkoxysilane is a composition selected from the group consisting of trimethoxysilane $\text{HSi}(\text{OCH}_3)_3$, triethoxysilane $\text{HSi}(\text{OC}_2\text{H}_5)_3$, tri-n-propoxysilane $\text{HSi}(\text{OC}_3\text{H}_7)_3$, tri-isopropoxysilane $\text{HSi}[(\text{OCH}(\text{CH}_3)_2)_3]$, methyl dimethoxysilane $(\text{CH}_3)\text{HSi}(\text{OCH}_3)_2$, methyl diethoxysilane $(\text{CH}_3)\text{HSi}(\text{OC}_2\text{H}_5)_2$, dimethylmethoxysilane $(\text{CH}_3)_2\text{HSi}(\text{OCH}_3)$, dimethylethoxysilane $(\text{CH}_3)_2\text{HSi}(\text{OC}_2\text{H}_5)$, and phenyldiethoxysilane $(\text{C}_6\text{H}_5)\text{HSi}(\text{OC}_2\text{H}_5)_2$.

4. (Currently Amended) The method according to Claim 61 in which the olefin epoxide is 4-vinylcyclohexene monoxide and the hydridoalkoxysilane is trimethoxysilane $\text{HSi}(\text{OCH}_3)_3$.

5. (Original) A method of making epoxyorganoalkoxysilanes comprising reacting an olefin epoxide with an hydridoalkoxysilane in the presence of $\text{RhCl}(\text{di-tert-butylsulfide})_2$ catalyst, the reaction being free of the presence of a stabilizing agent, the reaction being carried out at a temperature in the range of 65-95 °C, and the olefin epoxide being present in the reaction in a molar excess of 5-25 percent over the stoichiometric amount necessary to react with the hydridoalkoxysilane; the olefin epoxide being selected from the group consisting of limonene oxide, 4-vinylcyclohexene monoxide, allyl glycidyl ether, glycidyl acrylate, vinyl norbornene monoxide, dicyclopentadiene monoxide, and 1-methyl-4-isopropenyl cyclohexene monoxide.

6. (Cancelled)

7. (Cancelled)

8. (Cancelled)